

Vivekanand College,Kolhapur (Autonomous) B.Sc.Computer Science (Entire)-II Sem-III(2020-2021)

Continuous Internal Evaluation-1

Paper Title :Introduction to RDBMS using MySQL and Object Oriented Programming Using C++

Paper Code: CC-CS-1304C

Day and Date: 01/05/2021

Total Marks: 20

Time: 02.30 pm to 03.00 pm

Instructions :

- 1) All questions are compulsory.
- 2) Each Question carries 1 mark
- 3) Que. 1 to 5 and 11 to 15 are fill in the blanks.
- 4) Que. 6 to 10 and 15 to 20 are short answer questions.

Email *

pratikshapatil172001@gmail.com

Enter Roll No. *

9147

Enter Name. (First name first) *

Pratiksha Dadaso Patil



Q1) The process of expanding and exploding of a process box in more processes in DFD is called as _____

Levelled dfd

Q2) Context level diagrams doesn't makes use of _____ symbol

Q3) _____ datatype in MySQL stores variable length, character data .

VARCHAR

Q4) In ER Diagrams attributes from diagram further gets converted into _____ in tables.

Redundant relationship

Q5) While splitting table in normalization the key columns are columns which contain _____

Unique value

Q6) Write in short, steps of constructing the context level DFD ?

Identify data- flows by listing the major documents and information associated with the system

Draw and label a process representing the entire system

Draw and label the external entity around the outside of the process box

Add the data flow between the external entity and the system box



Q7) In ERD a person wants to depict/show relation between customer and products, what different cardinalities can be shown ?

1. One to one
 2. one to many
 3. many to many
-

Q8) Write and explain in one sentence each different numeric type data types with their sizes in MySQL ?

- 1 . Integer type-
Integer,int,smallint,tinyint,mediumint,bigint
 - 2.Fixed type - decimal,numeric
 - 3.Floating point type - float, double
 - 4.bit value type - bit
-

Q9) Write down the rules of 3NF

1. The table should be in 2nd normal form
 2. There should be no transitive functional dependency (remove transitivity)
-

Q10) List different symbols from ERD

- 1.Rectangle
 - 2.Double rectangle
 - 3.Diamond
 - 4.ellipse
 - 5.ellipse with underline
 - 6.double ellipse
 - 7.sub divided ellipse
 - 8.dash ellipse
 - 9.Total participation representation
 10. E1:E2 in R
-

Q.11 cin is an object of _____ class.

I stream class



Q.12 _____ is the main base class in stream class hierarchy.

ios class

Q.13 In C++, _____ provides an alias for existing variable.

Reference

Q.14 _____ functions are used over macros.

inline functions

Q.15 In function overloading, _____ is not checked when function is invoked.

Function type

Q.16 What is inline function?

C++ inline function is powerful concept that is commonly used with classes. If a function is inline, the compiler places a copy of the code.

Q.17 What is the main difference between procedure and object oriented programming?

Procedure orientated programming follows procedure approach and object oriented programming follows object oriented approach.

Q.18 What is the purpose of delete operator?

Delete operator is used for release of memory



Q.19 What is function overloading?

When we specify same name for two or more function it is known as function overloading.

Q.20 State decision making statements in C++.

If statement

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Vivekanand College,Kolhapur (Autonomous) B.Sc.Computer Science (Entire)-II Sem-III(2020-2021)

Continuous Internal Evaluation-1

Paper Title :Introduction to RDBMS using MySQL and Object Oriented Programming Using C++

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- 1) All questions are compulsory.
- 2) Each Question carries 1 mark
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- 4) Que. 6 to 10 and 15 to 20 are short answer questions.

Email *

abhipowar3030@gmail.com

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Enter Name. (First name first) *

Abhinandan Sunil Powar



Q1) The process of expanding and exploding of a process box in more processes in DFD is called as _____

Levelled DFD

Q2) Context level diagrams doesn't makes use of _____ symbol

Q3) _____ datatype in MySQL stores variable length, character data .

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Redundant relationship

Q5) While splitting table in normalization the key columns are columns which contain _____

Unique value

Q6) Write in short, steps of constructing the context level DFD ?

1. Identify data-flows by listing the major documents and information flows associated with the system
2. Draw and label a process box representing the entire system.
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4. Add the data-flows between the external entities and the system box.



Q7) In ERD a person wants to depict/show relation between customer and products, what different cardinalities can be shown ?

1. one to one
2. one to many
3. many to many

Q8) Write and explain in one sentence each different numeric type data types with their sizes in MySQL ?

These data types are used to store numeric values and are categorised as

- 1) Integer type - integer(4 byte), int(4 byte), smallint(2 byte), tinyint(1 byte), mediumint(3 byte), bigint(8 byte)
- 2) Fixed point type - decimal, numeric
- 3) Floating point types - float(4 byte), double(8 byte)
- 4) Bit value type - bit

Q9) Write down the rules of 3NF

1. Table should be in 2nd Normal form
2. There should be no transitive functional dependency

Q10) List different symbols from ERD

- 1) Rectangle
- 2) Double Rectangle
- 3) Diamond
- 4) Ellipse
- 5) Ellipse with underline
- 6) Double Ellipse
- 7) Subdecided ellipse
- 8) Dash ellipse
- 9) Total participation ellipse

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Vivekanand College, Kolhapur (Autonomous)
Academic Year: 2020-2021
B.Sc.Computer Science (Entire)-II Sem-III

**Course Title: Introduction to RDBMS using MySQL and Object Oriented
Programming Using C++**

Course Code: CC-CS-1304C

Continuous Internal Evaluation (CIE) – 1
Online Test conducted through Google Form (Mark list)

Date: 01/05/2021

Roll No.	Name of the Student	Marks(RDBMS)	Marks (C++)	Total (20)
9030	Rajendra Ramchndra jagtap	3	6	9
9101	Satyajit Sunil Adav	6	6	12
9102	Shivsagar Siddheshwar Ardak	3	7	10
9103	Santosh Tukaram Babar	6	9	15
9104	Rupesh jayawant bagave	4	6	10
9105	Rudra Raviraj Bhandigare	5	7	12
9106	swati sanjay bharamal	0	1	1
9107	Misbah shakeel bhendwade	5	4	9
9108	Anushka Tanaji Bhosale	4	7	11
9109	Rutuja Sadik Bhosale	3	8	11
9110	Akanksha Ravindra Chougale.	5	4	9
9111	Pratiksha Sunil Chougule	6	9	15
9112	Vaijanath Chougule	3	5	8
9113	Suhas Sambhaji Dandage	2	6	8
9114	Salef Zakir Desai	6	4	10
9115	Pradip Kondiram Dhangar	3	6	9
9116	Roshan Rajendra Dhembare	6	9	15
9117	Sangram Prakash Gaikwad	3	6	9
9118	Sanjana sunil ghorpade	6	8	14
9119	Pradyumna Godbole	3	5	8
9120	Asavari Ashok Jadhav	4	4	8
9121	Mukund Tanaji Jadhav	2	8	10
9122	Sakshi Manik Jadhav	8	9	17
9123	Shraddha Kishor Jadhav	3	7	10
9124	Suraj Balasaheb Jathar	6	8	14



9125	Ajit	5	8	13
9126	Pratiksha prakash kawade	4	5	9
9127	Supriya Bajirao Khapare	6	7	13
9128	Tushar Rajaram Koli	5	7	12
9129	Shreeya prashant kulkarni	7	7	14
9130	Sonali Aravind Lade	5	7	12
9131	Avdhut Ramesh Lidhade	7	8	15
9132	Sourabh	2	6	8
9133	Swapnil Magar	6	7	13
9134	Pooja Mali	2	7	9
9135	Malhar	5	8	13
9136	Pavan bhimrao mane	3	6	9
9137	Shruti Sudhir mane	3	5	8
9139	Vaishnavi Chandrakant Mitake.	3	7	10
9140	Prathamesh Sadashiv Nare	4	4	8
9141	Ajay Maruti Patil	2	8	10
9142	Krutika mahadev patil	6	8	14
9143	Mansi Vijaykumar patilahi	6	8	14
9144	Mrunalini	7	6	13
9145	Namrata	3	6	9
9146	PRANAV PRAKASH PATIL	4	6	10
9147	Pratiksha Dadaso Patil	7	7	14
9148	Priyanka Sanjay Patil	5	5	10
9149	Rupesh Patil	3	5	8
9150	Samiksha sanjay patil	4	7	11
9151	Siddhi Subhash Patil	5	7	12
9152	Sonali	6	9	15
9153	Sunita Anil Patil	4	4	8
9154	Vaishnavi Ranjeet Patil	6	2	8
9155	Varsha Hanmant patil	4	4	8
9155	Varsha	4	4	8
9156	Anjali Anil Pawar	6	6	12
9157	Ganesh nanaso pawar	7	8	15
9158	Abhinandan Sunil Powar	6	9	15
9159	Tushar Powar	5	6	11
9160	Abhishek Sadashiv Redekar	4	6	10
9161	Aarya Abhijit Sabnis	6	7	13
9162	Abhishek chandrakant salave	5	4	9



9163	Gouri Krushnat Sankpal	7	5	12
9164	Divya sanjay Sawant	4	6	10
9165	Manali Niwas Sawant	4	6	10
9166	Nagashree vasudev shanbhag	6	8	14
9167	Tanvi Ravikant Shete	6	8	14
9168	Rahul parshuram shindre	5	7	12
9169	Vrushali	6	8	14
9170	Priti Sunil Sutar	4	5	9
9171	Snehalata Baliram Sutar	7	6	13
9172	Yash tawar	6	8	14
9173	Riddhi sunil vasudev	3	5	8
9174	Keshav Yashawant Vhanamane	6	8	14
9175	Rushikesh	5	8	13
9176	Atharva Atul Walke	5	6	11
9177	Vaishnavi Umesh Bendkhale	6	2	8
9178	Kshitij Ravindra Chougale	4	5	9
9179	Niranjan Nitin Patil	3	5	8
9180	Ruturaj Patil	5	6	11
9181	Anuja dadaso Yadrave	5	6	11
R9002	johara athanikar	3	5	8
R9010	Rupesh Chavan	5	5	10
R9013	James Pravin Chopade	2	8	10

Radhika
(Ms. Radhika M. Patil)



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